Application No. 09/896,811 Reply to Office Action dated April 28, 2004

## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

## **Listing of Claims:**

1. (Previously Presented) A liposomal topotecan unit dosage form, said unit dosage form comprising:

a lipid; and

a topotecan dosage of from about 0.01 mg/M<sup>2</sup>/dose to about 7.5 mg/M<sup>2</sup>/dose, wherein said liposomal topotecan unit dosage form has a drug:lipid ratio by weight of about 0.05 to about 0.2 and wherein said lipid comprises a mixture of sphingomyelin and cholesterol.

- 2. (Previously Presented) The liposomal topotecan unit dosage form of claim 1, wherein said drug:lipid ratio by weight is about 0.05 to about 0.15.
  - 3. (Canceled)
- 4. (Previously Presented) The liposomal topotecan unit dosage form of claim 1, wherein said lipid comprises sphingomyelin and cholesterol in a molar ratio of about 70:30 to about 40:45.
- 5. (Original) The liposomal topotecan unit dosage form of claim 1, comprising from about 1 mg/M²/dose to about 4 mg/M²/dose of topotecan.
  - 6. 26. (Canceled)

- 27. (New) A method of treating a solid tumor in a human afflicted therewith, said method comprising administering to said human an effective amount of a topotecan dosage of claim 1 in a pharmaceutically acceptable carrier.
- 28. (New) The method of claim 27, wherein said solid tumor is selected from the group consisting of solid tumors of the lung, mammary, and colon.
- 29. (New) The method of claim 27, further comprising administration of a treatment for neutropenia or platelet deficiency.
- 30. (New) A method of treating solid tumors in a mammal, said method comprising:

administering to said mammal having a solid tumor of the lung, mammary and/or colon a liposomal topotecan formulation comprising from about  $0.01 \text{ mg/M}^2/\text{dose}$  to about  $7.5 \text{ mg/M}^2/\text{dose}$  of topotecan for an interval regime.

- 31. (New) The method of treating solid tumors of claim 30, wherein said interval regime is at least once a week.
- 32. (New) The method of treating solid tumors of claim 30, wherein said interval regime is at least once every two weeks.
- 33. (New) The method of treating solid tumors of claim 30, wherein said interval regime is at least once every three weeks.
- 34. (New) The method of treating solid tumors of claim 30, wherein said liposomal topotecan formulation has a drug:lipid ratio by weight of about 0.05 to about 0.2.

- 35. (New) The method of treating solid tumors of claim 30, wherein said interval regime is once a day for at least two consecutive days.
- 36. (New) A liposomal camptothecin unit dosage form, said unit dosage form comprising a lipid, a camptothecin dosage of from about 0.015 mg/M<sup>2</sup>/dose to about 1 mg/M<sup>2</sup>/dose and having a drug:lipid ratio by weight of about 0.05 to about 0.2 and wherein said lipid comprises a mixture of sphingomyelin and cholesterol.
- 37. (New) The liposomal topotecan unit dosage form of claim 1, wherein said topotecan dosage is from 0.01 mg/M<sup>2</sup>/dose to 7.5 mg/M<sup>2</sup>/dose and wherein said liposomal topotecan unit dosage form has a drug:lipid ratio by weight of 0.05 to 0.2.
- 38. (New) The liposomal topotecan unit dosage form of claim 1, wherein said drug:lipid ratio by weight is 0.05 to 0.15.
- 39. (New) The liposomal topotecan unit dosage form of claim 1, wherein said lipid comprises sphingomyelin and cholesterol in a molar ratio of 70:30 to 40:45.
- 40. (New) The liposomal topotecan unit dosage form of claim 1, comprising from 1 mg/M²/dose to 4 mg/M²/dose of topotecan.
- 41. (New) The method of treating solid tumors of claim 30, wherein said liposomal topotecan formulation comprises from 0.01 mg/M<sup>2</sup>/dose to 7.5 mg/M<sup>2</sup>/dose.
- 42. (New) The method of treating solid tumors of claim 30, wherein said liposomal topotecan formulation has a drug:lipid ratio by weight of 0.05 to 0.2.

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43. (New) A liposomal camptothecin unit dosage form of claim 36, wherein said camptothecin dosage is from 0.015 mg/M²/dose to 1 mg/M²/dose and said drug:lipid ratio by weight is 0.05 to 0.2.